

RECEIVED

MAR 2 1993

FCC - MAIL ROOM

Before the  
Federal Communication Commission  
Washington, D.C. 20554

In the Matter of

Replacement of Part 90  
by Part 88 to Revise  
the Private Land Mobile  
Radio Services and Modify  
the Policies Governing them

)  
)  
)  
)  
)  
)  
)

PR Docket 92-235

To: The Commission

COMMENT OF

~~Fremont County Search & Rescue~~  
~~Riverton Division~~  
~~P.O. Box 651~~  
~~Riverton, WY 82501~~

Duane A Verhey of Riverton Division S&R

submits its comments  
in response to the Commission's Notice of Proposed Rule Making in this proceeding.

1. In regards to § 88.429, and specifically Table C-3 to be used for systems in the 150-216 MHz and 450-470 MHz segments concerning power and antenna height limits, we have very serious concerns as to the effect on existing and future two-way radio systems. The severe restrictions placed on the Effective Radiated Power will have a serious detrimental effect on the feasibility and practicality of two-way radio systems.

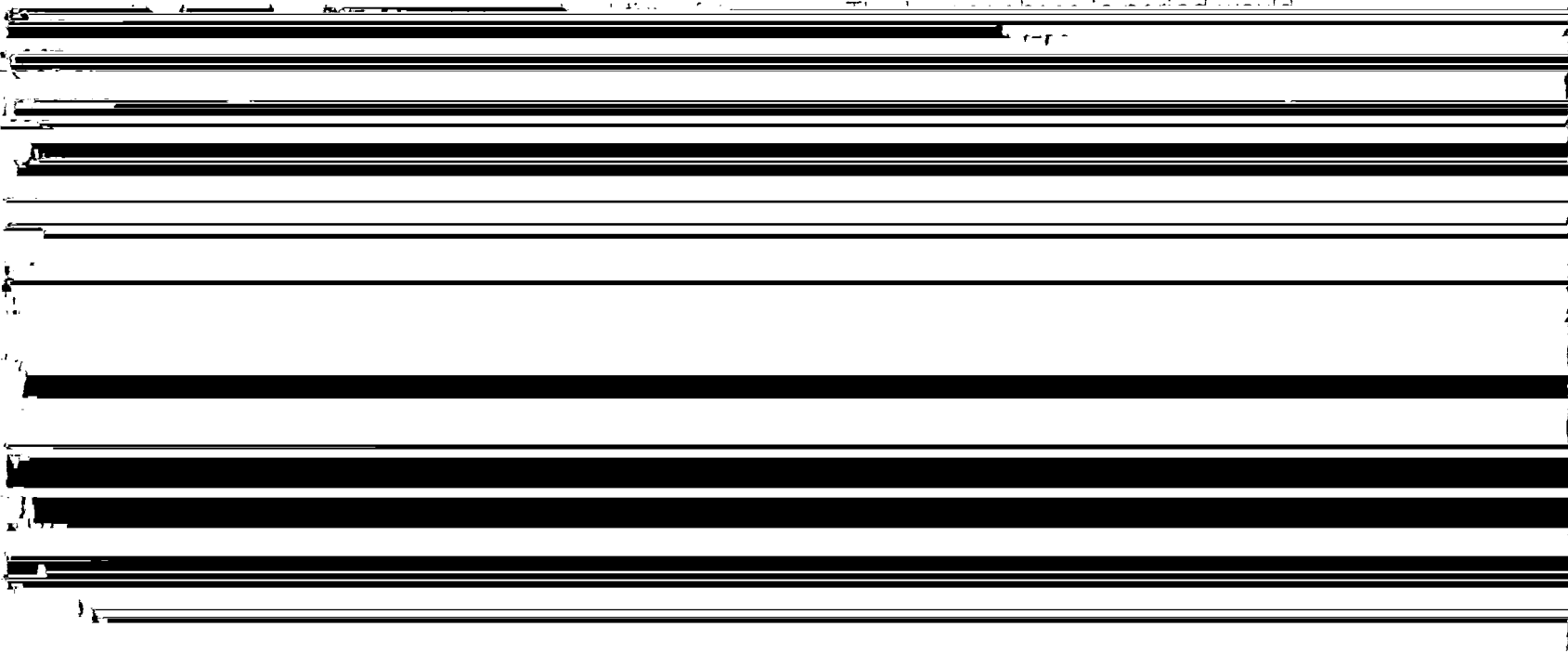
One additional factor should be taken into consideration in formulating the power level charts such as chart C-3. This factor should be the population in an area prescribed by a circle of 75 mile radius from the transmitter. In densely populated areas, the power levels shown in the proposed chart may be a viable solution. In rural, mountainous, and areas of low population, the constraints placed on a two-way radio system by the proposed power levels would place an undue burden on the two-way radio user for no reason. Especially in rural, low population areas, there is not sufficient justification for the drastically decreased transmit power levels. In these areas, the number of two-way radio systems is low enough that system coverage overlap with co-

comment deadline prevent us from designing a complete chart, but we would propose that as a first level that areas with a population of 250,000 or less within a 75 mile radius of the transmitter site have authorized power levels of 300 watts ERP. Successive table elements would take into consideration areas of increasing population and antenna height until the more restrictive levels found in the current C-3 chart are reached in areas of high density population.

2. In regards to the General Category Pool and the proposal that all certified frequency coordinators be allowed to assign frequencies from this pool, we also have some reservations. If all coordinators are to be allowed to assign frequencies, a single, common and up-to-date database must be maintained for use by all coordinators. Multiple databases cannot be allowed. Allowing multiple databases to be maintained by various coordinators would cause continuous and harmful interference on the frequencies. The single database must be maintained by the Commission itself or a single designated contractor. The database requirements of this type of system will be quite enormous and the criteria for selecting a possible contractor will have to be carefully reviewed in order to ensure that the database is kept current, accurate and is available full time for access by the various coordinators.

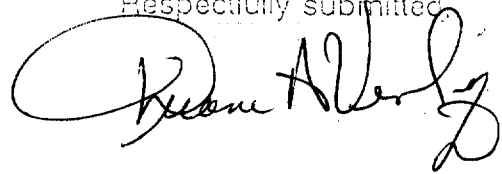
An alternative solution may be to divide the United States into various 'coordination zones' with a single coordinator for each zone. This would reduce the database requirements for each system to a more manageable level. The coordinators would need to have cooperative arrangements for systems that would overlap zone boundaries similar to the arrangements now in place for inter-service sharing and adjacent channel authorizations.

3. The narrower bandwidth required by the proposed rules in order to create additional channels is for the most part a viable solution for the congestion now found on the current radio frequencies. However, we submit that a more gradual and extended phase-in period be implemented to reduce the economical impact on



to the new specifications and perform coverage tests during periods that will have a less serious effects on radio systems, businesses, and public safety operations. To perform such tests during the winter months would be difficult technically and could have a serious impact on the safety of property and lives.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Duane Allen", written over the typed name.

**Fremont County Search & Rescue  
Riverton Division  
P.O. Box 651  
Riverton, WY 82501**